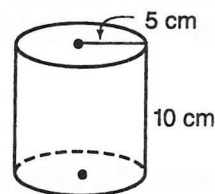


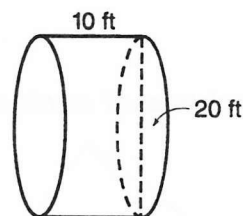
Practice

Student Edition
Pages 591-598**Surface Area of Prisms and Cylinders***Use the right cylinders shown to answer each of the following.
Express all answers in terms of π .*

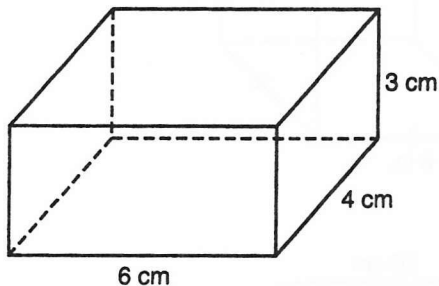
1. Find the circumference of the base.
2. Find the lateral area.
3. Find the area of a base.
4. Find the surface area.



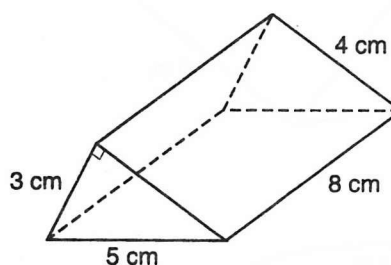
5. Find the circumference of the base.
6. Find the lateral area.
7. Find the area of a base.
8. Find the surface area.

**Find the lateral area and the surface area of each right prism.
Round to the nearest tenth.**

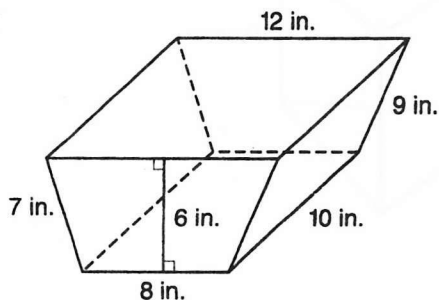
9.



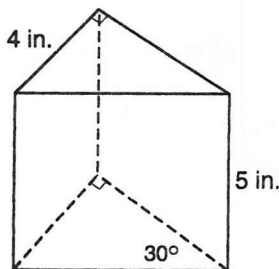
10.



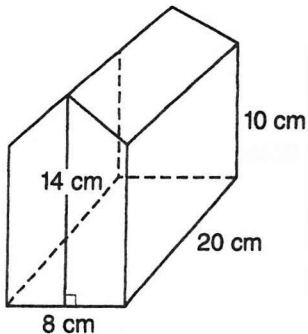
11.



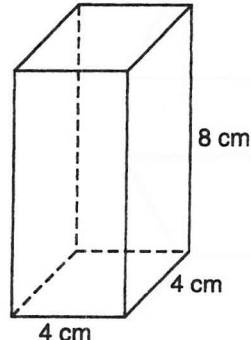
12.



13.



14.



Practice

Student Edition
Pages 607-613

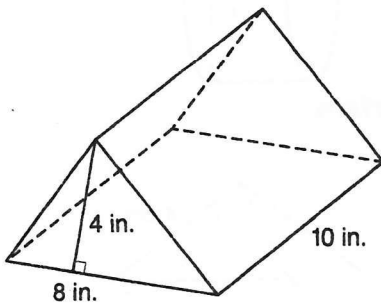
Volume of Prisms and Cylinders

Find each of the following. Round to the nearest tenth.

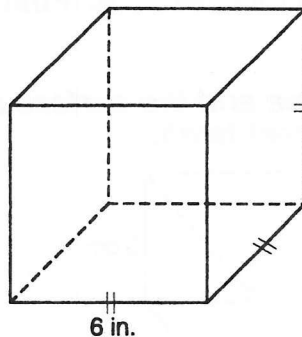
- the volume of a right prism whose square base has sides of 4 feet and whose height is 9 feet
- the volume of a cylinder with a height of 2 meters and a radius of 0.5 meters

Find the volume of each solid. Round to the nearest tenth.

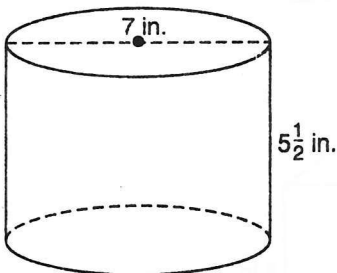
3.



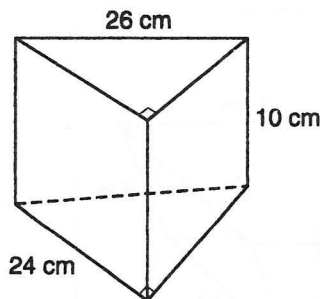
4.



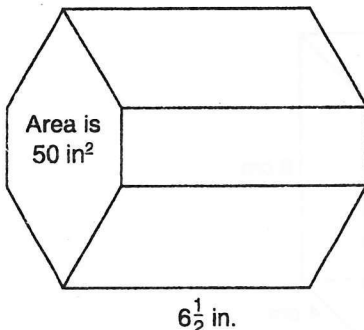
5.



6.



7.



8. Hole

